

19991123.ba v02\_n734.bam.991123 v02\_n735.bam.991123

>From ???@??? Wed Nov 24 07:01:57 1999  
Message-Id: <199911231315.dANDFpj29952@sco.theporch.com>  
Date: Tue, 23 Nov 1999 07:15:15 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2734

BOATANCHORS Digest 2734

Topics covered in this issue include:

- 1) RE: Need SP600 bandspread dial :-(  
by "Gibbs, Dennis" <dgibbs@Rational.Com>
- 2) FS List  
by George& Barb Rybicki <marmot@core.com>
- 3) Re: AC Voltage Calibration  
by Mark Pilant <n1vqw@arrl.net>
- 4) Re: AC Voltage Calibration  
by "Barry L. Ornitz" <ornitz@tricon.net>
- 5) Musings  
by Jderm740@aol.com
- 6) Re: Need SP600 bandspread dial :-(  
by Al Parker <anchor@coastalnet.com>
- 7) Re: BA prices  
by Glenn Finerman <k2kl@acd-pc.com>
- 8) Re: BA prices  
by Dan <hankarn@pacbell.net>
- 9) another hard one  
by "Jim Reynolds" <ki6up@earthlink.net>
- 10) Re: chicago testing at DA-federal building  
by lurch <lurch@theramp.net>
- 11) Re: chicago testing at DA-federal building  
by "John K9UWA" <k9uwa@cris.com>
- 12) Re: BA prices  
by "Sandy W5TVW" <ebjr@i-55.com>
- 13) Re: BA prices  
by thompson@mindspring.com
- 14) Re: chicago testing at DA-federal building  
by w8au@sssnnet.com
- 15) Re: BA prices  
by Arden Allen <gumbear@pacbell.net>
- 16) Re: BA prices  
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 17) Fleamarkets and the taxman  
by "Andrew Emmerson" <midshires@cix.co.uk>
- 18) Automatic Electric 32A21 -- the allure of heavy metal

by "Andrew Emmerson" <midshires@cix.co.uk>  
19) Re: BA prices  
by Dave Jordan <wa3gin@erols.com>

-----  
Message-ID: <65B141FB11CCD211825700A0C9D609BC015AA1C7@chef.lex.rational.com>  
From: "Gibbs, Dennis" <dgibbs@Rational.Com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Need SP600 bandspread dial :-(  
Date: Mon, 22 Nov 1999 17:30:08 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Phil -

Check with Chuck Rippel - He has them. I had him install both a new logging scale as well as a new frequency dial. I cannot tell the difference between the originals and the new ones, except that the new ones haven't yellowed!

By the way, several people have mentioned how great a job Chuck does refurbishing R390As. His skill extends to the SP-600 as well. In fact, I believe he told me my SP-600 was the one filmed in his video on overhauling the SP-600. I'm really happy with his work. A beautiful job! I strongly recommend him if you want a thorough job done correctly.

Dennis Gibbs

-----Original Message-----

> I've discovered that the bandspread dial on my SP600-JX-17  
> restoration project is beyond help. Does anyone know of a  
> source for a replacement dial or a stick-on overlay?

> Phil

-----  
Message-Id: <4.1.19991018041747.009221e0@mail.core.com>  
Date: Mon, 18 Oct 1999 04:19:32 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: George& Barb Rybicki <marmot@core.com>  
Subject: FS List  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

BC-348 with 117v PS conversion GC, working \$125

Wireless set 19, almost like new, with key, variometer, UHF antenna, control

box, cable and 117v ps in FC 19 set PS case. \$350

Shure 55S mike with stand \$100

EV 638 mike with ptt stand \$80

Eico 730 modulator, with cover. set up with 6l6gc's GC working \$120

Drake TR-7 with nb-7, 3 filters, ps-7 \$650 MN-7,MS-7, RV-7, p75 available

Hammarlund HQ-105, almost a parts rig, no clock, modified works when it wants to \$50

All plus shipping from 44286 Trades? maybe, try me

73 George

-----  
Message-ID: <3839CE80.399D4130@arrl.net>  
Date: Mon, 22 Nov 1999 18:15:13 -0500  
From: Mark Pilant <n1vqw@arrl.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: rbrunner@gis.net  
Subject: Re: AC Voltage Calibration  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Richard, I was in your boat last spring, and the method I opted for was to pick up a surplus Fluke 760. (The 5200 and 5100 are still to much for my budget :-)

Actually, if you can locate a Ballantine 420 or 421, they are AC/DC calibrators useful for 3-1/2 digit instruments and just about any analog instrument. And much smaller than the 760 :-)

However, prior to that I was thinking up several methods. The basic principle is to have an variable frequency oscillator driving a variable

gain power amplifier then feeding a ratio transformer. The gain of the power amp would be set by rectifying the signal and comparing that against a DC reference. That way, everything would be based upon the accuracy of the DC reference.

All of this could be done using hollow state, but I was going to use solid state. If you'd like to kick some ideas around, I'd be happy to burn up

some electrons :-)) Or if you are in the neighborhood, stop on by. (The call book address is accurate.)

73

- Mark N1VQW

-----  
Message-Id: <199911230011.TAA28773@flash.naxs.net>  
From: "Barry L. Ornitz" <ornitz@tricon.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: AC Voltage Calibration  
Date: Mon, 22 Nov 1999 19:10:56 -0500

Richard Brunner asked:

>For dc I have an old Eppley standard cell, (1.016425 volts) but  
>what can one do for ac?

If you have a source of a "reasonably pure" sine wave, you can use a simple silicon diode to rectify the signal and charge a capacitor. You then read this voltage on a DC meter which you have already calibrated. As long as the capacitor is not leaky and the meter resistance is very high, the DC voltage across the capacitor will be the peak AC voltage or 1.414 times the AC RMS voltage. Since negligible current is being drawn, the diode has essentially no forward voltage drop. A tube might be used instead, but its contact potential would reduce your accuracy slightly. For best results, the sine wave amplitude should be fairly large.

If you do not have a good sine wave source, the AC powerline voltage may be used with some loss in accuracy (since the AC power is rarely very "pure" these days). With a 1 meg meter input resistance, a capacitor value of about 1 uF should be used.

Once you know the peak voltage (measured by DC), divide by 1.414 to get the RMS level with which to calibrate the AC meter. But remember this only works for pure sine wave signals. Actual AC meters may be based on peak measurements, average measurements, or other approximations to true RMS. [Even the new digital meters that claim true RMS are still an approximation. Even the best cannot do waveforms with crest factors above 10 to 1. For these situations (especially white noise), a thermal converter meter is used.]

If you use the powerline voltage, be careful about what is hot and what is grounded.

An alternative is to use a simple chopper to produce a square-wave from your DC. This is fine for calibrating an oscilloscope, but with an AC voltmeter, you will need to know the details of what method is used to make the measurement.

73, Barry L. Ornitz      WA4VZQ      ornitz@tricon.net

-----  
From: Jderm740@aol.com  
Message-ID: <0.c10d69d1.256b48dc@aol.com>  
Date: Mon, 22 Nov 1999 20:33:16 EST  
Subject: Musings  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Musing # 1

If anyone is wondering where all our BA's are going look at the cover of the November issue of ER. Ah,so!

Musing # 2

I just came into the possession of four transformer catalogs, three of which are dated 1939. The fourth is undated but the circuits lead me to think it is from the same era.

They are: Stancor Transmitting Transformers  
          Thordarson, Complete Transformer Catalog # 400-CX  
          Kenyon Transformers for Audio, Power, Amateur Transmitters and  
Public      Address Systems

And           Inca Transformers for Radio, Sound, Public Address and Television  
(date unknown)

Jack McDermott   Jderm740@aol.com

-----  
Message-Id: <3.0.6.32.19991122204241.0088f100@mail2.coastalnet.com>  
Date: Mon, 22 Nov 1999 20:42:41 -0500  
To: Old Tube Radios <boatanchors@theporch.com>

From: Al Parker <anchor@coastalnet.com>  
Subject: Re: Need SP600 bandspread dial :-(  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Does anyone know of a  
>source for a replacement dial or a stick-on overlay?  
Hi Phil,

Seems to me some one was advertising (on a list) that he made bandspread  
overlays, I think with Hamband freqs.

Anyone else remember & have info?

73,

Al, W8UT  
New Bern, NC  
BoatAnchors appreciated here  
anchor@coastalnet.com

-----  
Message-Id: <199911230300.WAA01945@netbox.acd-pc.com>  
Date: Mon, 22 Nov 1999 22:05:36 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Glenn Finerman <k2kl@acd-pc.com>  
Subject: Re: BA prices  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>I get so sick and tired of people whining about the prices of BA's.

ME TOO!!!

I'm also sick and tired of hearing how E-bay is killing hamfests.

Example;

A few months ago I attended a local, rather large hamfest as a seller.  
I had some BA's for sale, some parts, etc..I brought along a very nice  
condition Heath Apache. Perfect front panel, working with manual.  
I had it marked \$225 - "make offer"? I would have taken \$150 for it.  
Along comes this clown who starts screaming "holy !%\*!!! that's way  
too much for an Apache! what do you think you're doing selling it for  
that much, man you used to be able to pick them up for \$50!!"..  
After he finished his rant, I said, "well, feel free to make me an offer"..  
"no way man! I'm not paying even close to that much". I asked him  
"do you see any other plate modulated AM transmitters here at the  
hamfest?" (there were maybe one or two others at most to chose from  
at this very large hamfest but this was certainly the only apache)

He walked away muttering, swearing, etc... bottom line? he never

intended on buying anything. He just came over to whine and complain.

What did I do? packed it up, took it home and I won't be dragging this 100lb monster to anymore hamfests. The reason I was selling this rig was to make room for other BA's but now I'll force myself to make room for this very nice transmitter even if it has to go on the floor under my operating table!

As Dave Stinson once commented, why should I drag this stuff to a hamfest only to be abused by these jerks when I can sell it online from the comfort of my shack and I don't have to listen to these cry baby tight wads!

73.....Glenn Finerman K2KL

k2kl@acd-pc.com

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-----  
Date: Mon, 22 Nov 1999 19:45:20 -0800  
From: Dan <hankarn@pacbell.net>  
Subject: Re: BA prices  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <383A0DD0.227A0524@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Boy, do I ever second that. I go to TRW all of the time and Cal Poly. You want to see the tightest tight wads in the world, just come to TRW and try to sell something nice and in good condition. I took 4 R-390A's several months ago that were all in great clean operating condition. One person finally after nailing him down said he would give \$75.00 for the best EAC I had. Came home put them on R-390 QTH and sold all 4 for the asking price plus packing and shipping.

Most off them want you to take it to there house install it and check it out, pay them for the privilege and charge you for the 807 they offered you. Plus we have one creep that was given a whole garage full of Collins equipment plus a lot of other stuff with the understanding that he would give it to underprivileged or needy hams. Sold all of the non Collins equipment to other dealers and is still selling the Collins stuff for top dollar. He is a ham that does not trust any ham.

I try to sell my stuff on the reflectors and if having no luck then have no problem going to Ebay due to the bigger world wide exposure.

I have had over 300 personal checks and they have all been good. Couple forgot to sign them and ponied right up. Couple of problems with overseas money but all cleared up OK.

Have had a lot of very good deals both ways on the net, with just about no problems. Have had people ship to me with my check on the way and I have done the same. I am always looking for a deal just like the next guy, but I do ante up when I see what I want and feel comfortable with the price.

SWAP crowd Creeps, Cheapos, or CBers looking for Ham amps. A few neat guys to deal with.

Sorry for being so long winded if you got this far.

es 73

Hank

-----  
From: "Jim Reynolds" <ki6up@earthlink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: another hard one  
Date: Mon, 22 Nov 1999 22:09:18 -0600  
Message-ID: <001901bf3568\$8337b400\$474afc9e@ripcord>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ok - you guys, I thought I had ya with the DSI 5600A counter manual, but I now have one - thanks to you all.

Heres one - I have a military VTVM - its a ME 26D/U

Any ideas for a manual?

Thanks

KI6UP

-----  
Message-ID: <383A16E2.606F3C6A@theramp.net>  
Date: Mon, 22 Nov 1999 22:24:02 -0600  
From: lurch <lurch@theramp.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: boatanchors@theporch.com  
Subject: Re: chicago testing at DA-federal building  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit



yep--i remember "the albino", if we're talking the same guy...i took my exams in 79-81. when i passed my extra all he said was 'well, it's all over', TOTALLY deadpan...i had been there twice a year for 2 years getting all the other tickets... the next week i was back for my commercial...he almost sort of looked like he might have been thinking about cracking a smile...almost. i remember the old 'dungeon of doom' in the dirksen bldg well...thanks for the memories. those were the days. and riding the [then] C&NW back out to oak park to catch the El to Central Avenue to ride the bus up to Irving Park to The Radio-TV Lab to buy a BA that fit my new privileges on the way home from the exam...it was a Gonset Gooney Box when I got my Tech, an SB10 to go with my Apache when I got my General, a Johnson Invader when I got my Extra [that was a bitch taking back to Elmhurst via public transit, lemme tell ya], and a Drake T4XB when I got my Extra. All that's left from then in my collection today, sadly, is the R388 my folks bought me when I got my Novice and the '390 I bought from Fair about 3-4 years ago...

George, WA9JEZ, owner of The Radio-TV Lab sure had a collection of BAs to sell at the time: Heath, Drake, Globe and Galaxy stuff plus RMEs [including a 6900] and lots of Hammarlund stuff and a few Hallicrafters [including an HT20/SX101MkIII combo] and some Johnsons and...if you saw it in a back issue of QST he had one somewhere...call him and tell him what you wanted then call back in 2 weeks and see if he had found it yet...the price-gougers and speculators cleaned him out of Collins stuff years ago--I was there one day when some guy filled a van with stuff to ship to Japan; I remember when I got my Novice he had S-Lines stacked 6 feet high in 3 or 4 piles and only one person could fit in the store between the stacks of junk...er, junque...er, good restorable radio gear [THAT has NOT changed, few years ago a customer brought in a Zenith airplane-dial console and he brings his scope and DVM out and works on it on the sidewalk in front of the store...] and the collins's he couldn't give 'em away at the time...those were the days, before VEs and multiple-guess and published question pools and medical cw waivers and no-code licenses and the death of ham radio as we knew it back then...

73 de KA9EGW

Wally Klinger wrote:

>

> Very fine thread guys!!! big improvement over the %\$\*%\$\*^%\$\$# politics!

>

> As a teenager, I remember taking the CTA el from the skokie swift to the  
> Howard st trains to make the trek down to the federal building in Downtown  
> Chicago to take the tests. It was a "that's OK son" treat when the old man  
> would let me blow off a day at High school to run down and take the tests (I  
> did the technician, general, advanced, 3rd class radio telephone, the

> broadcast endorsement (worked at the high school radio station), even used  
> the ruse of accompanying a friend downtown (what a scammer eh?) just to get  
> out of classes!!!  
>  
> Tests were on tuesdays and fridays (i took the friday ones go figure!)  
>  
> There was "The albino" who had to be there for decades.... took the tests  
> sitting high school desks in this 60's built glass and steel federal office  
> building. He NEVER smiled, and probably was the best damned poker player  
> someone could be (absoloutely expressionless!) Short sleeved white shirt,  
> nondescript dark tie, all you got was "uh, you passed today Mr. Klinger.  
>  
> passing my general had to be the best experience..... Novice was given by  
> Zole Zoklavits K4DUP SK (ex W9TXZ---ex allied radio store manager) about 25  
> years ago with my dad watching me. I still dont know who was the most  
> nervous!!!  
>  
> I am working on my extra now, I swear it wont be the same!!  
> 73--Wally  
>  
>  
> -----  
> Get Your Private, Free Email at <http://www.hotmail.com>  
>  
> Sponsored by the Collins Collectors Association <http://www.collinsradio.org>  
> Nets: Tues: 3.805 MHz-8pm Central / Thu: 3.875 MHz-8pm Central  
> Fri: 3.895 MHz-10pm Central / Sun: 14.263 MHz-2000 UTC (3pm Central)  
>  
> Listserver Submissions: [collins@listserv.tempe.gov](mailto:collins@listserv.tempe.gov)  
> Listserver Subscription: [listserv@listserv.tempe.gov](mailto:listserv@listserv.tempe.gov) - "subscribe collins 'name'  
'call'"  
> Listserver Unsubscribe: [listserv@listserv.tempe.gov](mailto:listserv@listserv.tempe.gov) - "-signoff collins"

--  
"It is sadly typical of a decayed society that the majority  
are willing- without question and damning those who do question-  
to follow any authority figure,  
selling their birthrights and betraying their neighbors,  
all for the promise of temporary relief of some problem.  
I'm sure you remember what Benjamin Franklin  
had to say about such a people."

-----  
Message-Id: <199911230443.XAA16974@marconi.concentric.net>  
From: "John K9UWA" <k9uwa@cris.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Mon, 22 Nov 1999 23:46:40 -0500  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT  
Subject: Re: chicago testing at DA-federal building  
CC: lurch@theramp.net

> couldn't give 'em away at the time...those were the days, before VEs and  
> multiple-guess and published question pools and medical cw waivers and  
> no-code licenses and the death of ham radio as we knew it back then...  
> 73 de KA9EGW

Wahhhh.....you should have had to take your test in Fort Wayne,  
Indiana at the old Federal Building.....copying code there was a real  
breeze....if you missed the letter the first time you got at least two  
more trys at it.....as it echoed off the solid hard walls.....  
worse than artic flutter!!!!!!!!!!!!.....

John K9UWA

John Goller, K9UWA & Jean Goller, N9PXF  
Antique Radio Restorations  
k9uwa@cris.com  
k9uwa@concentric.net

<http://www.concentric.net/~k9uwa/>

-----  
Message-ID: <000d01bf3544\$3e8c65e0\$bd67e7d0@sandy-s-pentium>  
From: "Sandy W5TVW" <ebjr@i-55.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA prices  
Date: Mon, 22 Nov 1999 23:47:14 -0000  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>  
>I'm also sick and tired of hearing how E-bay is killing  
hamfests.  
>>73.....Glenn Finerman K2KL

I agree wholeheartedly! eBay is not "killing hamfests".  
This can be laid at the feet of our local politicians, who want  
to  
squeeze every citizen and flea market gathering for as much  
taxes as possible to enhance their salaries and pensions!

I have watched local hamfests become reduced to a really fun affair to a dismal show of just a few people. Dealers from around the country used to come, but no more...as they were hassled by the local tax men for "occupational licenses" and "tax permits"! The Parish ("county" to you folks outside Louisiana) I used to live in now requires citizens to obtain a special permit to have a yard or garage sale. It can only be obtained twice a year, and can't be rescheduled if the weather turns sour!

Don't blame e-bay, or the internet, or the "newsgroups"! I fear it's only a matter of time until cyberspace is invaded by the tax collector with a vengeance, so enjoy it while you can!

Just my two pennys' worth!

73,

Sandy W5TVW

-----  
From: thompson@mindspring.com  
Message-ID: <000b01bf3573\$24cba420\$283156d1@default>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA prices  
Date: Tue, 23 Nov 1999 00:25:23 -0500

If you don't like the price you can walk.

Dave K4JRB

-----  
Message-Id: <3.0.5.32.19991123010616.007ac4f0@mail.sssnet.com>  
Date: Tue, 23 Nov 1999 01:06:16 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: w8au@sssnet.com  
Subject: Re: chicago testing at DA-federal building  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

John:

Was Ft. Wayne covered by the Detroit office?

If not, you missed out on the biggest "bull of the woods," Dick Cotton, W8DX. A pure reign of terror would aptly describe his test sessions....

(every 3 months at Cleveland) Loud, snarly and sometimes insulting. (I know, I know.... it was probably all a show.... I'm sure his mother and his family loved him!) Everyone would sweat "buckets" before they left the room... but, this is the thing legends are made of.... Sat before him for Gen and Xtra.... we all have our "war" stories.....

BA content: On my visit for Xtra test (age 17) I had my BC-611 "boatanchor walkie-talkie" with me so I could visit the top of the Terminal Tower building afterward to try to work some "dx" on 3885 kHz. I took it in the exam room with me since I would not chance it being taken if left on the coat rack in the hallway. After telling me I couldn't bring "that thing" in the room, he nailed me on a technicality... I had appeared for the exam exactly 2 years after sitting for the General (quarterly FCC visits to Cleveland caused that), which meant I had my actual ticket about three weeks less than the two years required time for qualifying for the Xtra exam. Once he saw that "glitch," he bellowed, (in front of 40 people) "Ballinger, you can't take this exam....get your &!%\$ walkie-talkie and get the !#\$& outa here!" I did!

Perry w8au

At 11:46 PM 11/22/99 -0500, you wrote:

>Wahhhh.....you should have had to take your test in Fort Wayne,  
>Indiana at the old Federal Building.....copying code there was a real  
>breeze....if you missed the letter the first time you got at least two  
>more trys at it.....as it echoed off the solid hard walls.....  
>worse than artic flutter!!!!!!!!!!!!.....  
>  
>John K9UWA

-----  
Date: Tue, 23 Nov 1999 01:35:46 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: BA prices  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0FLN007CR9EW35@mta3.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Hi Econo-anchors;

> I have watched local hamfests become reduced to a really fun  
> affair to a dismal show of just a few people. Dealers from  
> around  
> the country used to come, but no more...as they were hassled by

> the local tax men for "occupational licenses" and "tax permits"!  
> The Parish ("county" to you folks outside Louisiana) I used to  
> live in now requires citizens to obtain a special permit to have  
> a yard or garage sale. It can only be obtained twice a year,  
> and can't be rescheduled if the weather turns sour!

I don't mean this to be a political statement (I lie a lot) but the \*greed\* isn't coming from the cheapo buyers that's ruining flea swaps although they are a pain in the SO-239. It's the town merchants who are losing money to the flea markets. The flea markets have for some time been representative of the growing economic underclass in this country. The tax man is wanting his cut of the action while the merchants would like to run the fleas out of town. And about eThing, do you think it is millionaires that are doing all the trading on there? When it comes to freedom you can keep it as long as you pay for it. 'Nuff said.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Message-ID: <383A78B8.25BE@worldnet.att.net>  
Date: Tue, 23 Nov 1999 06:21:28 -0500  
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA prices  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Glenn Finerman wrote:

> As Dave Stinson once commented, why should I drag this stuff to a  
> hamfest only to be abused by these jerks when I can sell it online from  
> the comfort of my shack and I don't have to listen to these  
> cry baby tight wads!  
-----

An idiot like mentioned above actually got me a nice Collins 75A1 this fall.

A late arrival-seller, with a nice large selection of TV shop test equipment / a clean-out / wasn't getting much attention while unloading his pick-up truck. I walked over and then noticed the 75A1 in the truck bed. I jumped over the TV test eq. and looked at the receiver up close. One other guy also started to look. I asked the unloader how much he wanted for the 75A1. He shruggd his sholders and indicated he did not know the worth.

The other guy immediately said in a nasty tone - "would you take \$50. for it?" The seller lookd as if he was going to say yes. Then I said, "I'll give you a lot more for it, I'll offer \$100."

The other guy started screaming at me - that I had no right it interfere, etc. I replied, "That radio is worth a lot more than \$50. and you know it!" He then asked if I wanted to auction it. I said yes if you want to, go ahead and make another offer. He did not make an offer. But he then bolted to about 30 feet away, in the aisle, and started yelling - hey there's an auction here - over and over again.

In the mean time the seller said - give me your \$100. I said wait a minute and let's see what will happen.

This guy was making such an ass out of himself that most people just walked away. After another minute or two the seller said, "Thanks for being honest, give me the \$100. I'm happy with that."

The other guy walked off and disappeared into the crowd.

BTW= the 75A1 is in good physical shape, not too many scratches and only one extra hole - in the rear for a coax connector. I'll recap it soon and bring it into the shack. (Now if I could just find a 32V like that. :-)

--

73' John Dilks, K2TQN

Webmaster for "Page 2" all about Antique Wireless  
<http://www.eht.com/oldradio/awa/>

--and--

for the New Jersey Antique Radio Club  
<http://www.eht.com/oldradio/>

Please visit my OldRadio Museum  
<http://www.eht.com/oldradio/museum/>

-----  
Message-ID: <0b5401bf35ad\$28c24d60\$261899c2@oemcomputer>  
From: "Andrew Emmerson" <midshires@cix.co.uk>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Fleamarkets and the taxman  
Date: Tue, 23 Nov 1999 11:51:40 -0000  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>. The tax man is wanting his cut of the action while the merchants would like to run the fleas out of town.

True. Over here in Britain the income tax people are stalking out flea markets and any trader they see there three weeks running, they interrogate.

"Can we see your trading records please? What, you don't keep any? OK, we'll estimate them for you based on the business we've seen you do over the past three weeks. If you disagree, you can furnish full particulars. Otherwise pay up now and be grateful we didn't take you to court for tax evasion."

And I can't disagree with this. I pay taxes, I'm self-employed and I have to record every last penny I spend and earn.

73,  
Andy G8PTH.

-----  
Message-ID: <0b5601bf35ad\$2b2f55c0\$261899c2@oemcomputer>  
From: "Andrew Emmerson" <midshires@cix.co.uk>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Automatic Electric 32A21 -- the allure of heavy metal  
Date: Tue, 23 Nov 1999 12:19:59 -0000  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Knowing the way we relate to radio gear in chunky metal construction form, I hope you can understand how I also like 'old technology' telephone switching plant. In this connection I'm keen to locate an Automatic Electric 32A21 PAX (or similar).

This is a 22-line telephone exchange for private, internal use only (not connected to the outside world). Comes in a metal cabinet with relays and rotary selectors, using vibrating relays to generate ringing current and tones.

Shipping, collection and payment are not the problem; finding one that's available is and that's why I thought fellow anchorites might be able to help! Please e-mail me (privately might be best to avoid abusing bandwidth) if you have any ideas -- thanks.

73, Andy.

-----  
Message-ID: <383A93A3.19E9713F@erols.com>



Date: Tue, 23 Nov 1999 08:16:19 -0500  
From: Dave Jordan <wa3gin@erols.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA prices  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

What kills the hamfest here is the rates the grounds owners are charging.

Foundations for Amateur Radio FEST used a place for decades but more recently the fees for the one day event have risen up to around \$16,000. At \$5. a head you got to sell a lot of tickets just to break even. The idea of the fest was to fund college scholarships for young hams. The group finally had to move to another county where the charges for the local AAA baseball field parking lot was about 60% less. Now this fest is profitable again and expected to grow larger.

EBAY may not be killing fests but surely the many swap/trader lists and special interest list like this one, that service the most engaged amateurs in the hobby, will provide equipment to those that otherwise might have used a ham fest to find their goodies. Clearly, I can find a radio in an evenings surfing of the net while looking at ham fest for the same radio might take an entire summer of fest going, if not years. IMHO the greed factor has always been there...Now I go to ham fest more so to visit with friends rather than find that prestine R-390A!

HAVE FUN, ;-)  
dave

-----  
End of BOATANCHORS Digest 2734  
\*\*\*\*\*

>From ???@??? Wed Nov 24 07:02:59 1999  
Message-Id: <199911232353.dANNrvj22092@sco.theporch.com>  
Date: Tue, 23 Nov 1999 17:53:23 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2735

BOATANCHORS Digest 2735

Topics covered in this issue include:

- 1) When Offering a Trade-  
by David Stinson <arc5@ix.netcom.com>
- 2) What Glenn said!  
by David Stinson <arc5@ix.netcom.com>
- 3) Fleamarket ettiquette: is honesty the best policy?  
by "Andrew Emmerson" <midshires@cix.co.uk>
- 4) Re: AC Voltage Calibration  
by "Roberta J. Barmore" <rbarmore@indy.net>
- 5) Al Parker  
by "Jim Reynolds" <ki6up@earthlink.net>
- 6) Re: AC Voltage Calibration  
by JACK Iverson <jackiv@juno.com>
- 7) Standards  
by "Rhett T. George" <rtg@ee.duke.edu>
- 8) Info on Russian tube  
by "M. Bruno" <spin@inrete.it>
- 9) MOD KIT OF HAMMARLUND HXL-1 LINEAR AMP  
by JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 10) BA COMPUTERS  
by JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 11) RE: Standards  
by "Bill Hawkins" <bill@iaxs.net>
- 12) Re: BA COMPUTERS  
by Allan Stephens <modsteph@ACS.EKU.EDU>
- 13) RE: chicago testing at DA-federal building  
by Allan Stephens <modsteph@ACS.EKU.EDU>
- 14) Re: Fleamarkets and the taxman  
by Allan Stephens <modsteph@ACS.EKU.EDU>
- 15) Re: BA COMPUTERS  
by William Donzelli <aw288@osfn.org>
- 16) Al Parker  
by "Jim Reynolds" <ki6up@earthlink.net>
- 17) Re: Info on Russian tube  
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 18) Manuals needed: EM Sargeant 10SA and Hammarlund HQ-120  
by "Novinger, Walt" <walt.novinger@eds.com>
- 19) Trip to Fair  
by William Donzelli <aw288@osfn.org>
- 20) Re: AC Voltage Calibration  
by Morris Odell <morriso@vifp.monash.edu.au>
- 21) Re: AC Voltage Calibration  
by John Kolb <jlkolb@cts.com>
- 22) RE: Info on Russian tube  
by "WF2U" <mbendror@villagenet.com>

---

Message-ID: <383A9E2A.36A7C7EE@ix.netcom.com>

Date: Tue, 23 Nov 1999 08:01:14 -0600  
From: David Stinson <arc5@ix.netcom.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: When Offering a Trade-  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have a humbly-offered suggestion.

When asking about or offering a trade, please tell the other party which areas and types of equipment interest you. It is very frustrating to have someone say: "I might trade. What have you got?" To which I have to reply: "Lots of stuff- what do you want?" It wastes time and effort to offer a list of Drake equipment when the person is interested in Hallicrafters. Trying to maintain a large trade list- of which 90% would not be of interest to a given individual- is also inefficient.

With Thanks,  
Dave S.

-----  
Message-ID: <383AA16C.B1A2E9F1@ix.netcom.com>  
Date: Tue, 23 Nov 1999 08:15:08 -0600  
From: David Stinson <arc5@ix.netcom.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: What Glenn said!  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Fool that I am, I keep trying, Glenn.

Every time, I swear I won't go to the trouble to bring anything ever again to a hamfest. Every time, I talk myself into bringing something. And every time, I end up getting miffed because a half dozen people who don't want the transmitter in the first place talk down to me about what they paid for it in 1953 and tell me I'm an idiot. Come to think of it, they might be right- I did bring the thing, afterall ;-).

People can blame whomever they want for the decay of hamfests, but if reasonable sellers aren't supported by reasonable buyers,

they can't bring neat things to hamfests.

73 DE Dave AB5S

-----  
Message-ID: <0b6301bf35be\$a31e6600\$261899c2@oemcomputer>  
From: "Andrew Emmerson" <midshires@cix.co.uk>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Fleamarket ettiquette: is honesty the best policy?  
Date: Tue, 23 Nov 1999 13:55:12 -0000  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It's a moot point whether you spoil someone else's deal. I was looking at a tube tester marked 35.00 and a guy right in front of me asked if the vendor would take 30 -- to which the vendor agreed. I very nearly piped up and said I'd offer full price (mainly because it had a socket for nuvistors, which is relatively unusual). Then I thought a deal had been struck and perhaps it wasn't good form to rain on someone else's parade. Tricky decision... you'll probably say he who hesitates is lost but the other guy had the nerve to offer less -- and have his offer accepted.

Talking of hesitation, at the recent National Vintage Communications Fair in Birmingham a friend of mine spotted a transparent acrylic dial telephone, made in 1950 exclusively for exhibition purposes, not for issue to the public. He asked the price and was told 10 pounds. His jaw dropped as it was worth at least 1,500 on the open market. In the instant that he pondered whether to offer something closer to the true price, another guy chimed in "I'll take it, mate."

And pop, there it was gone -- before his very eyes! About 15 of these phones are known to exist, mainly in museums. Is honesty the best policy?!? You tell me. Or rather, tell my pal.

73  
Andy.

-----  
Date: Tue, 23 Nov 1999 11:45:32 -0500 (EST)  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: AC Voltage Calibration  
Message-ID: <Pine.SUN.4.10.9911231137230.18347-100000@indy1>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Richard!

One method suggests itself immediatly, oscilloscopic comparision of a stable, variable AC source with your standard cell. Carefully done, this will give reasonable accuracy on peak-to-peak AC, at which point you apply some math to it if you need average or RMS values.

The drawback is, you're working with a very puny AC voltage! If you're willing to squint a little more, you can probably double it (by direct comarision and polarity reversal) and get above a Volt on the average and RMS values, which in most cases would more than outweigh the loss in accuracy.

...But remember, I quite often work in units of "not enough," "close enough" and "too much." There are some folks on the list who are very nearly metrologists and they will probably have better answers.

73,  
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore  
FISTS #3388 \* G-QRP #10001 \* ARRL \* RSGB \* WIA  
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

-----  
From: "Jim Reynolds" <ki6up@earthlink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Al Parker  
Date: Tue, 23 Nov 1999 11:49:46 -0600  
Message-ID: <001001bf35db\$213514a0\$154afc9e@ripcord>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hay Al

Your email keeps coming back as not deliverable - shoot me a current address please...

KI6UP

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: boatanchors@theporch.com  
Date: Tue, 23 Nov 1999 12:06:31 -0600

Subject: Re: AC Voltage Calibration  
Message-ID: <19991123.120633.-293243.7.jackiv@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
From: JACK Iverson <jackiv@juno.com>

Bobbi and the group. This how I calibrate my Simpson 260s.

I found, at a garage sale no less, a Westinghouse dynamometer type ac voltmeter. Hi range 750 ac. The cal chart in the lid, said accuracy to 0.25%. I thought to myself, that was then, this is now. Took to a friend who has a cal lab, he let me use his Fluke AC secondary standard and I ran checks on all ranges as well as full scale, 3/4 scale, 1/2 scale, as well as 1/10 scale.

the thing was within the specs at all ranges, so don't be afraid of the old

bakelite boxes, look for the word "dynamometer"  
thanks for the space. happy turkey --- old jack

Jack Iverson K0EWU jackiv@juno.com  
ARRL, IEEE LM, RCA, AMI, ARCI, QCWA, CCA

-----  
From: "Rhett T. George" <rtg@ee.duke.edu>  
Date: Tue, 23 Nov 1999 13:27:14 -0500  
Message-Id: <199911231827.NAA28546@champ.ee.duke.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Standards

- Greetings -

Richard Brunner reminds me to keep only one clock operational. Thanks.

Electrical instruments? I recommend calorimetry. For increased accuracy, I recommend a styrofoam cooler, a known half-gallon bucket, and a lab thermometer. The thicker the cooler walls, the better. This will improve its heat insulating ability for keeping favorite beverages cool long after interest in the calibration has diminished. With this, the standard cell can be used to determine the voltage across a resistor in a known amount of distilled water. Get a really sinusoidal current source and get it to heat the water to the same temp in similar time. A bit of math and you now have the rms value of current. If you prefer a square wave, that also works.

In his novel, "Under Milkwood," Dylan Thomas includes Lord Cutglass who has many chiming clocks in his cottage, none with hands!

Rhett George

-----  
Date: Tue, 23 Nov 1999 19:46:57 +0100  
Message-Id: <4.1.19991123194415.00a8b310@mail.inrete.it>  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "M. Bruno" <spin@inrete.it>  
Subject: Info on Russian tube  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello all,

I have some Russian GK-71 tubes. They should be similar to the 813 and to the Philips QB2/250. I plan to use four of them in an LF amplifier. Does anyone have a detailed data sheet?

73 - Marco IK10D0

-----  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit  
Date: Tue, 23 Nov 1999 13:47:42 -0500 (EST)  
Subject: MOD KIT OF HAMMARLUND HXL-1 LINEAR AMP  
To: Old Tube Radios <boatanchors@theporch.com>  
From: JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)  
Message-ID: <9911231347.aa12184@pcusa01.ecunet.org>

To: boatanchors@theporch.com

Early Hammarlund HXL-1 linear amps had an untuned input circuit.

That's not so good. The load presented to the driving xmtr varies a lot.

Later ones had a tuned input circuit. Didn't know there was a kit for doing a field mod. Good idea.

I have a later HXL-1 with the mod from factory. Am happy with it. Power xfmr seems unusually heavy for the amplifier's ratings, that's nice.

Has a cute ct for gauging linearity of amp in operation. IMO, only lack is a Standby switch (I do that externally).

And check that series string of HV caps. You may well find dangerously unequal voltages across them, exceeding their individual voltage ratings, equalizing resistors notwithstanding. (This applies to many other amps as well.)

-John Sehring (Tue, Nov 23, 1999 Custer SD USA) UCC WB0EQ

-----  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit  
Date: Tue, 23 Nov 1999 13:47:42 -0500 (EST)  
Subject: BA COMPUTERS  
To: Old Tube Radios <boatanchors@theporch.com>  
From: JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)  
Message-ID: <9911231347.aa12189@pcusa01.ecunet.org>

To: boatanchors@theporch.com

It has occurred to me that my BA tendencies spill over into my computer equipment as well.

I've still got a Zenith 8086 w/20 meg HD (wow!) that works A1.

I have been recycling donated 286 machines & giving them away to help folks get onto a private, non-profit, all volunteer email network. It's so much fun tweaking 'em for maximum performance, it's a challenge. Some have only 2 or 4 megs RAM (some only 640K) so getting non-M\$ memory managers & caches to work for faster performance takes finageling.

It "feels" just like working on a BA radio.

I feel no need to always have the latest software. Would rather fully understand & get the most out of older s/w. Must be the BA virus in my blood.

-John Sehring (Tue, Nov 23, 1999 Custer SD USA) UCC WB0EQ

-----  
From: "Bill Hawkins" <bill@iaxs.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Standards  
Date: Tue, 23 Nov 1999 14:09:44 -0600  
Message-ID: <000401bf35ee\$af32e4e0\$0b0aa8c0@normandale>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Um, I'll bet Rhett doesn't mean to heat the resistor with the standard cell! Those things are only accurate when the current is negligible, as in a balanced bridge.



This interesting technique requires an adiabatic calorimeter, meaning there is negligible heat transfer to/from the liquid except by the heater resistor. The archives for Cold Fusion have some great details for such calorimeters because Tom Droege at one of the national labs contributed until he saw that it was pointless. Basically, if you use a vacuum thermos bottle then your only problem is heat transfer through the stopper and conduction by the resistor leads and the thermometer. The equation is linear so there's no major square law effect, but you have to know the time of applied voltage and the temperature rise as accurately as you want to know the RMS voltage. Then you have to make the voltage hold still for the duration of heating. The rest of the variables drop out because you are using the same equipment for both measurements, but you must let the temperature drop back to nearly the same starting point for the second measurement.

I think if I was gonna do this, I'd put a 200 ohm resistor in the water in series with a 10 ohm resistor outside, then apply about 21 VDC and adjust for zero voltage difference between the standard cell and the 10 ohm resistor. Let it run for an hour (it's only 2 watts) so that time is accurate to about 1 part in 3600. Record the start and end temperatures. Let it cool down to the start temp, within a degree or so (this should take a long time - maybe it would be OK to change the water). Now apply 21 VAC as measured by the thing you want to calibrate (which you have calibrated with a 5% VOM just to get close). Record the time it took to get the identical temperature rise (final - initial), then divide 3600 by that number of seconds and multiply by the standard DC value to get the RMS AC value.

It's a great use of basic physics, but it will take patience. Depending on the resolution of your thermometer, it could take much more than an hour to get 1/2 percent accuracy. Not thermometer accuracy, just precision.

Would like to hear from anyone that tries this.

Regards,  
Bill Hawkins  
bill@iaxs.net

-----  
Date: Tue, 23 Nov 1999 15:48:56 -0500  
From: Allan Stephens <modsteph@ACS.EKU.EDU>  
Subject: Re: BA COMPUTERS  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <383AFDB7.849DF70@acs.eku.edu>  
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Hmmmm - maybe you'd like one of my spare Kaypro's, CP/M operating system and all... Which of course I still use for what I got 'em for (the first 17 years ago) - nice word processing (WordStar 4, I think...)

73, A1 N5AIT

JOHN SEHRING wrote:

>  
> It has occurred to me that my BA tendencies spill over into my computer  
> equipment as well.  
>  
> I've still got a Zenith 8086 w/20 meg HD (wow!) that works A1.  
>  
> I have been recycling donated 286 machines & giving them away to help folks  
>  
> It "feels" just like working on a BA radio.  
>  
> I feel no need to always have the latest software. Would rather fully  
> understand & get the most out of older s/w. Must be the BA virus in my  
> blood.  
>  
> -John Sehring (Tue, Nov 23, 1999 Custer SD USA) UCC WB0EQ

-----  
Date: Tue, 23 Nov 1999 16:13:28 -0500  
From: Allan Stephens <modsteph@ACS.EKU.EDU>  
Subject: RE: chicago testing at DA-federal building  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <383B0376.CC787267@acs.eku.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Of course, the real fun time was when they tested in the old (now gone) federal court building. FCC was on about the ninth floor, and the

old, creaky elevators were open cage type - wrought iron cage you could look through, up, down, as they rattled their way along. Good for the nerves for going to test.

Took my Third Radiotelephone in about Jan '60 - and while there I figured I might as well try the 16 wpm code and see if I could add Third Radiotelegraph. I was at a table next to a window (old type

window,  
one you could actually open and let air in, with ledge outside), and the window had been opened slightly to allow fresh air in.

I had not really done any CW for about three or four months (not while in college, following summer break) but figured what the heck.... I got started on the test, 16 wpm, 5 character groups so had to get all, 100%. Farther along I got I started tightening up a bit... and began to notice I was not alone. On the window ledge just outside landed about a half-dozen pigeons, who began to converse in their normal way. The code kept coming, I kept getting tighter, and the pigeons louder, or so it seemed... I finally broke, stopped, stretched, got a breath, and got back after the code. Same result: the more "words" I copied, nearing that magic 16 perfect, the louder the pigeons seemed to get... until I broke again. Result of five minutes copy: two strings of 12, two strings of 13 "words..." and those d\*\*\* pigeons still cooing on the ledge!

Next time I went in I was ready; had been using the old Signal Corps 12" 78 RPM records for practice, and was solid at 18 wpm groups. And when I set up to take the test I sat as far away from the window as I could...

But pigeon QRM!!!!!!

73, A1 N5AIT

-----  
Date: Tue, 23 Nov 1999 16:21:18 -0500  
From: Allan Stephens <modsteph@ACS.EKU.EDU>  
Subject: Re: Fleamarkets and the taxman  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <383B054E.F8A1DC37@acs.eku.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

As so cogently observed in early American history, "The power to tax

is the power to destroy."

73, A1 N5AIT

Andrew Emmerson wrote:

> >. The tax man is wanting his cut of the action while the merchants would  
> like to run the fleas out  
> of town.  
>  
> True. Over here in Britain the income tax people are stalking out flea  
> markets and any trader they see there three weeks running, they interrogate.  
>  
> "Can we see your trading records please? What, you don't keep any? OK, we'll  
> estimate them for you based on the business we've seen you do over the past  
> three weeks. If you disagree, you can furnish full particulars. Otherwise  
> pay up now and be grateful we didn't take you to court for tax evasion."

-----  
Date: Tue, 23 Nov 1999 17:17:44 -0500 (EST)  
From: William Donzelli <aw288@osfn.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA COMPUTERS  
Message-ID: <Pine.SUN.3.91-FP.991123171134.13740F-1000000@osfn.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> It has occurred to me that my BA tendencies spill over into my computer  
> equipment as well.  
>  
> I've still got a Zenith 8086 w/20 meg HD (wow!) that works A1.

BA computer? Get real...

<[www.osfn.org/rcs/william/other/5415.front.jpg](http://www.osfn.org/rcs/william/other/5415.front.jpg)>  
<[www.osfn.org/rcs/william/other/5415.gateopen.jpg](http://www.osfn.org/rcs/william/other/5415.gateopen.jpg)>

And Downs wonders what database I use...

William Donzelli  
aw288@osfn.org

-----  
From: "Jim Reynolds" <ki6up@earthlink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: A1 Parker  
Date: Tue, 23 Nov 1999 16:32:34 -0600

Message-ID: <001b01bf3602\$a364f400\$e649fc9e@ripcord>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Al - I have sent a message to you half a dozen times, I keep getting the below message back no matter the server. I wanted to run an idea past you for an boat anchor deal. If I cant reach ya, call me collect if need be

850 - 639 - 9455...

Excuse the bandwidth guys...

he original message was received at Tue, 23 Nov 1999 14:25:07 -0800 (PST)  
from [158.252.73.230]

----- The following addresses had permanent fatal errors -----  
<anchor@coastalnet.com>

----- Transcript of session follows -----  
... while talking to phoenix.coastalnet.com.:  
>>> MAIL From:<ki6up@earthlink.net>  
<<< 550 We do not accept spam  
554 <anchor@coastalnet.com>... Service unavailable

-----  
Date: Tue, 23 Nov 1999 17:34:50 -0500 (EST)  
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Info on Russian tube  
Message-Id: <Pine.A32.4.03.9911231733000.26722-1000000@ppdu.nrl.navy.mil>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Marco,

I picked up some of these tubes at the Friedrichshafen HamRadio and I was told that they were identical to the 813. The pins are slightly different size so I was wondering where one obtains a socket.

Sincerely, Paul Bernhardt

Work: P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-0196	703-960-9656
FAX: 202-767-0631	

On Tue, 23 Nov 1999, M. Bruno wrote:

> Hello all,  
>  
> I have some Russian GK-71 tubes. They should be similar to the 813  
> and to the Philips QB2/250. I plan to use four of them in an LF amplifier.  
> Does anyone have a detailed data sheet?  
>  
> 73 - Marco IK10D0  
>  
>

-----  
Message-ID: <E9D031B59A7CD3119A5F0008C791EA02078D3A@CACGM201>  
From: "Novinger, Walt" <walt.novinger@eds.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Manuals needed: EM Sargeant 10SA and Hammarlund HQ-120  
Date: Tue, 23 Nov 1999 16:48:04 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

I am in need of the subject manuals for a couple of recent acquisitions.  
Good copies acceptable, happy to pay copying and/or postage.

Also need dials for the HQ-120, particularly the bandspread dial...any parts  
rigs out there with decent dials??

73 de  
Walt Novinger

-----  
Date: Tue, 23 Nov 1999 18:09:05 -0500 (EST)  
From: William Donzelli <aw288@osfn.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Trip to Fair  
Message-ID: <Pine.SUN.3.91-FP.991123174017.13740K-1000000@osfn.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I stopped by Fair Radio again, and once more, Phil let me have free  
range. I found quite a few items that they likely only had one of, so not  
worthy of a catalog listing. That, sirs, is the advantage of getting  
dirty in the warehouse!

Things purchased:

\* FT-301-A - weird aircraft rack, about 1 1/2 ATR, looks Western  
Electric. Info, anybody?

\* FT-247 - IFF box mount, with nice cable included! SO nice, I had to buy both of them.

\* FT-173 - looks like a hinged BC-191 mouunt. Info?

\* BD-81-T6 - Circa 1933 dynamotor for a BC-200-T6. Ummmm...

\* (2) unmodified by ratty RAX-1 receivers - one low band, the other mid band. (I need junkers!)

\* (3) CW-23054 - little cockpit mounted Dual Coil Set Remote (basically a knob end of a square keyed spline cable, for the RU receivers - many available!

\* MT-23/U - A basic ATR mount, can't have too many...

\* C-60A/AP - Radar power control box.

\* AS-32/APT - Rather rude looking jammer antenna.

Things seen:

\* CW-46011 - Mount for RU series aircraft receivers, specifically RU-19, NIB and minty! - many available, FT-99s, too!

\* GO mounts, for the big flying boat transmitter - many available.

\* R-390-\* - Still quite a few left, all needing a little help.

\* Some cool Russian set that I can not remember - in a nice case!

\* T-368 parts - I saw a cabinet with the lower deck.

\* FT-228-A - Mounting plate for command set TX control boxes - lots!

Anyway, other than pure boasting (and a blantant plug so Phil makes me more deals) this all illustrates why a trip to Lima is MANDATORY.

William Donzelli  
aw288@osfn.org

-----  
Message-ID: <383B2030.2E633986@vifp.monash.edu.au>  
Date: Wed, 24 Nov 1999 10:16:00 +1100  
From: Morris Odell <morriso@vifp.monash.edu.au>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: AC Voltage Calibration  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi all,

Richard wrote:

> what can one do for ac?

and Mark said

> all of this could be done using hollow state  
>

I must mention a lovely boatanchor calibrator here. It's the HP 738BR which is sometimes available as junk. It looks like a plain box with a knob and terminals, but you will all love the innards. I paid \$20 for mine.

It consists of both AC and DC sections all hollow state. The DC section is a precision electronically regulated power supply and the DC section uses a 400 Hz HP style wein bridge oscillator feeding a power amp. There is a nifty precision divider which provides steps between 1 mV and 300 volts.

Of course, you have to calibrate it which probably gets back to Richard's problem, but once done, it is a very useful source for checking other meters. The manual has quite a bit of detail on measurement techniques and avoiding error currents etc.

<Nomex underwear on>

An added bonus in owning one is that it keeps a couple of 6550s out of the hands of those cursed audiophooles.

: -)

73 de Morris VK3DOC

-----  
Date: Tue, 23 Nov 1999 15:31:22 -0800 (PST)  
From: John Kolb <jlkolb@cts.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>, rbrunner@gis.net  
Subject: Re: AC Voltage Calibration  
Message-ID: <Pine.BSI.4.20.9911231524580.1773-1000000@king.cts.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII



On Mon, 22 Nov 1999, Mark Pilant wrote:

> my budget :-)) Actually, if you can locate a Ballantine 420 or 421, they  
> are AC/DC calibrators useful for 3-1/2 digit instruments and just about  
> any analog instrument. And much smaller than the 760 :-))  
>  
> However, prior to that I was thinking up several methods. The basic  
> principle is to have an variable frequency oscillator driving a variable  
>  
> gain power amplifier then feeding a ratio transformer. The gain of the  
> power amp would be set by rectifying the signal and comparing that  
> against a DC reference. That way, everything would be based upon  
> the accuracy of the DC reference.  
>

The way it used to be done in calibration labs before modern  
AC standards was about as above - stable VFO feeding a 5 digit  
ratio transformer which fed a power amp which fed tapped output  
transformer.

The AC output level was set with a thermal transfer standard.  
the input was switched between the unknown AC input, and a  
precision DC voltage, and one of the two adjusted until both  
produced exactly the same DC voltage from a heater/thermocouple.

John

-----  
From: "WF2U" <mbendror@villagenet.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Info on Russian tube  
Date: Tue, 23 Nov 1999 18:52:11 -0500  
Message-ID: <00af01bf360d\$c28a9500\$0291c0c0@meir-s\_nt4.villagenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Greetings to all,

The Russian equivalent of the 813 tube is the GU-13 and that is a direct  
replacement. . The GK-71 is sort of close in specs to the 813 but physically  
and electrically is not the same.

73, Meir WF2U

-----Original Message-----

From: owner-boatanchors@theporch.com [mailto:owner-boatanchors@theporch.com]  
On Behalf Of Paul Bernhardt  
Sent: Tuesday, November 23, 1999 5:35 PM  
To: Old Tube Radios  
Cc: Old Tube Radios  
Subject: Re: Info on Russian tube

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Sincerely, Paul Bernhardt

Work:P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
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FAX: 202-767-0631	

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End of BOATANCHORS Digest 2735

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